

FORM PTO-1390  
(REV. 12-2001)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY'S DOCKET NUMBER

4860/PCT

TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371U.S. APPLICATION NO. 10/535023  
unknown to be assignedINTERNATIONAL APPLICATION NO.  
PCT/EP2003/012646INTERNATIONAL FILING DATE  
12 November 2003 (12.11.2003)PRIORITY DATE CLAIMED  
13 November 2002 (13.11.2002)

## TITLE OF INVENTION

Measuring Device for Determining the Mass Rate of Flow of a Mass Flow

## APPLICANT(S) FOR DO/EO/US

Jens KAHLE

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☐ The US has been elected by the expiration of 19 months from the priority date (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☒ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). The Translation
  - a. ☒ is attached hereto, along with a Translator's Declaration. is accurate.
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☒ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)): executed copy 2 pages.
10. ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

## Items 11 to 20 below concern document(s) or information included:

11. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98, Form PTO-1449, copy of Int. Search Report, 4 references, 6 English Abstracts
12. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A **FIRST** preliminary amendment.
14. ☒ A **SECOND** or **SUBSEQUENT** preliminary amendment.
15. ☐ A substitute specification.
16. ☐ A change of power of attorney and/or address letter.
17. ☒ Other items or information:
  - a. a return receipt postcard;
  - b. Form PTO-2038 to cover the filing fee & fee for Assignment Recordal;
  - c. 3 Figs. on 3 sheets of formal drawings.

**NOTE:** The priority of German Patent Application 102 53 078.5, filed in the Federal Republic of Germany on November 13, 2002 is claimed for the present Application under 35 U.S.C. §119.

**NOTE:** The entire disclosure of PCT International Application PCT/EP2003/012646 is incorporated herein by reference.

**NOTE:** This Application has been assigned to: Schenck Process GmbH of: Landwehrstr. 55, D-64293 Darmstadt, Fed. Rep. of Germany. The Assignment is being submitted herewith for recordal.

**NOTE:** Please print the Assignee data with the Published Application.

USPS EXPRESS MAIL  
EV 511 024 338 US  
MAY 13 2005

U.S. APPLICATION NO. (PCT/EP/JP/US/IB) <b>10/535027</b> unknown to be assigned		INTERNATIONAL APPLICATION NO. <b>PCT/EP2003/012646</b>		ATTORNEY'S DOCKET NUMBER <b>4860/PCT</b>	
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21. ☒ The following fees are submitted:

**BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)):**  
 Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO... ~~\$1030.00~~

National Phase filing fee (\$300), Search fee (\$400), Examination fee (\$200).....=\$ 900.00

International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO... ~~\$700.00~~

International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) ..... ~~\$700.00~~

International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) ..... ~~\$700.00~~

**ENTER APPROPRIATE BASIC FEE AMOUNT = 900.00**

Surcharge of \$130.00 for furnishing the oath or declaration later than ☐ 20 ☐ 30 months from the earliest claimed priority date (37 CFR 1.492(e)).

CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	
Total claims	11 - 20 =	0	x \$18.00	\$ 0
Independent claims	1 - 3 =	0	x \$84.00	\$ 0
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$280.00	\$ 0
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$ 0
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$ 0
<b>SUBTOTAL =</b>				\$ 900.00
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$ 0
<b>TOTAL NATIONAL FEE =</b>				\$ 900.00
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +				\$ 40.00
<b>TOTAL FEES ENCLOSED =</b>				\$ 940.00
				Amount to be refunded: \$
				charged: \$

**CALCULATIONS PTO USE ONLY**

a. ☐ A check in the amount of \$ \_\_\_\_\_ to cover the above fees is enclosed.

b. ☐ Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_ to cover the above fees. A duplicate copy of this sheet is enclosed.

c. ☒ The Commissioner is hereby any deficiency in or authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-0507. ~~ANY ADDITIONAL FEES WILL BE CHARGED TO THE DEPOSIT ACCOUNT~~

d. ☒ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

**NOTE:** Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.

**The Power of Attorney and the Correspondence Address for this Application are to**  
**CUSTOMER NO.: 021553.**

\_\_\_\_\_  
 SIGNATURE  
 Walter F. Fasse - 5/13/05  
 NAME  
 36132  
 REGISTRATION NUMBER

*[Signature]*  
 SIGNATURE  
 Walter F. Fasse - 5/13/05  
 NAME  
 36132  
 REGISTRATION NUMBER

USPS EXPRESS MAIL  
EV 511 024 338 US  
MAY 13 2005

DOCKET NO.: 4860/PCT  
FILED: May 13, 2005  
INVENTOR: Jens KAHLE

TRANSLATOR'S DECLARATION

I, Wolfgang G. Fasse, having an office at 60G Main Road North, Hampden, Maine, 04444-0726; mailing address: P. O. Box 726; solemnly declare:

that I am fully conversant with the German language to fluently read, write, and speak it, I am also fully conversant with the English language;

that I have, to the best of my ability, prepared the attached accurate and literal translation of:

PCT INTERNATIONAL APPLICATION NO.: PCT/EP2003/012646  
PCT INTERNATIONAL APPLICATION FILED: November 12, 2003  
German Priority: November 13, 2002

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date:

*May 11, 2005*

*W. G. Fasse*  
Wolfgang G. Fasse